

p38 (5A1) Mouse mAb

db6168

Package : 50μL 100μL

Product Name : p38 (5A1) Mouse mAb**Cat.No.:** db6168**Synonyms** : RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA; MAPK14**Application** : WB**Reactivity** : Human, Mouse, Rat, Monkey**Host species** : Mouse**Background**

Responds to activation by environmental stress, pro-inflammatory cytokines and lipopolysaccharide (LPS) by phosphorylating a number of transcription factors, such as ELK1 and ATF2 and several downstream kinases, such as MAPKAPK2 and MAPKAPK5. Plays a critical role in the production of some cytokines, for example IL-6. May play a role in stabilization of EPO mRNA during hypoxic stress. Isoform Mxi2 activation is stimulated by mitogens and oxidative stress and only poorly phosphorylates ELK1 and ATF2. Isoform Exip may play a role in the early onset of apoptosis.

Immunogen

Purified recombinant human P38 MAPK Pprotein fragments expressed in E.coli

Gene ID

1432

Swiss Prot

Q16539

Synonyms

RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA; MAPK14

Reactivity

Human, Mouse, Rat, Monkey

Application

WB

Recommended dilution

WB: 1:500-1:1000

Calculated MW

41 kDa

Observed MW

41 kDa

Host species

Mouse

Clonality

Monoclonal

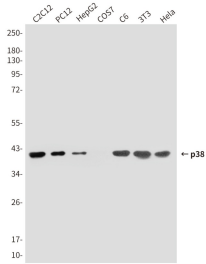
Clonality No.

5A1-C5-F11

Isotype

IgG1

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of p38 (5A1) in C2C12, PC-12, HepG2, COS7, C6, 3T3 and Hela lysates using p38 MAPK antibody.